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#!/bin/sh
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#
# Nom : /etc/init.d/pg_start_stop
#
# Date de creation : 15/06/2020.
#
# Auteur : Lahcen Boudaoudi
#
# Objectif : Autostart PostgreSQL instances
# Interface : 01 argument {start|stop|restart|reload}.
#
#-----

### BEGIN INIT INFO
# Provides:          pg_start_stop
# Required-Start:    $local_fs $remote_fs $network $time
# Required-Stop:     $local_fs $remote_fs $network $time
# Should-Start:      $syslog
# Should-Stop:       $syslog
# Default-Start:     2 3 4 5
# Default-Stop:      0 1 6
# Short-Description: PostgreSQL RDBMS server stop/start script
### END INIT INFO

DESC="PostgreSQL RDBMS server stop/start script"
NAME=pg_start_stop

fct_log()
{
    typ=$1
    log=$LOGFILE
    case $typ in
        "ERR")
            printf "\t [$DAT] [ERROR] : $2 \n" | tee -a $log
            ;;
        "WARR")
            printf "\t [$DAT] [WARNING] : $2 \n" | tee -a $log
            ;;
        "INFO")
            printf "\t [$DAT] [INFO] : $2 \n" | tee -a $log
            ;;
        *)
            printf "\n" | tee -a $log
            ;;
    esac
}

DAT=$(date +%d-%m-%Y %H:%M:%S')
LOGFILE=/home/postgres/adm/dba/log/pg_start_stop$(date +%_le%d%m%Ya%Hh%Mmin').log
PGDATA=/pgcluster/data
# purge old log files
find $(dirname $LOGFILE) -type f -name "pg_start_stop_le[0-9]*a[0-9]*h[0-9]*min.log" -ctime
+20 2>/dev/null -exec /bin/rm -f {} \;

do_start ()
{
    touch /var/lock/subsys/pg_start_stop
    if ! su - postgres -c ". /home/postgres/.bash_profile; pg_ctl start -D $PGDATA -w -t10"
    then
        fct_log ERR "Probleme de Demarrage de PostgreSQL !!"
    else
        fct_log INFO " Demarrage de PostgreSQL OK."
        fct_log
        su - postgres -c "ps -fu postgres" | tee -a $LOGFILE
    fi
}

do_stop ()
{
    rm -f /var/lock/subsys/pg_start_stop
    if ! su - postgres -c ". /home/postgres/.bash_profile; pg_ctl stop -D $PGDATA -m fast"
    then
        fct_log ERR "Probleme au niveau de l arret de PostgreSQL !!"
    else
        fct_log INFO " Arret de PostgreSQL OK."
        fct_log
    fi
}

```

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}  
  
do_reload ()  
{  
    if ! su - postgres -c ". /home/postgres/.bash_profile; pg_ctl reload -D $PGDATA"  
    then  
        fct_log ERR "Probleme de Reload de PostgreSQL !!"  
    else  
        fct_log INFO " Reload de PostgreSQL OK."  
    fi  
}  
  
case $1 in  
start)  
    do_start  
    ;;  
stop)  
    do_stop  
    ;;  
restart)  
    do_stop  
    do_start  
    ;;  
reload)  
    do_reload  
    ;;  
*)  
fct_log WARR " - Usage : -su {start|stop|restart|reload} "  
    exit 1  
    ;;  
esac
```